

Lift check valve supplier in Dammam

Middleeast valve is the largest and most demanding [Lift check valve supplier in Dammam](#). We supply to Dhahran, Al Khobar, Jubail, Muharraq, and Al khor.

What is difference between swing check and lift check valve?

Swing check valves and lift check valves are two types of check valves used to prevent backflow in piping systems. The main difference between them lies in the way they operate.

Swing check valves have a disc that swings on a hinge or pivot as the flow of fluid in the pipeline changes direction. When the fluid flows in the correct direction, the disc swings open, allowing the fluid to pass through. When the flow direction changes, the weight of the disc causes it to swing shut, preventing backflow.

Lift check valves, on the other hand, use a disc that moves up and down to control the flow of fluid. When the fluid flows in the correct direction, the disc is lifted up by the fluid, allowing the fluid to pass through. When the flow direction changes, the disc is pushed back down by gravity and/or the pressure of the fluid, sealing the valve and preventing backflow.

Middleeast valve is the greatest and fast-growing [Lift check valve supplier in Dammam](#) and are generally more effective at preventing water hammer and providing a tight seal, but they can be more expensive and require more maintenance due to their more complex design.

Advantages of lift check valve:

- It ensures that fluid flows in only one direction, preventing backflow and protecting equipment from damage.
- It is relatively simple to install and can be easily integrated into existing systems.
- These valves have few moving parts, which means that they require minimal maintenance.
- They are relatively inexpensive and can be easily replaced if they fail.
- They ensure the proper flow of fluid which can reduce the energy consumption.

Parts of lift check valve:

- Body
- Disc or Ball
- Seat
- Hinge
- Spring
- Inlet and Outlet ports
- Bonnet

- Handle or Lever

Industries which use them:

- Oil and Gas Industry
- Power Generation plants
- Chemical Industry
- Marine Industry
- Mining Industry

Description-

Available materials: Cast iron, Ductile iron, WCB, LCC, CF8M, SS304, SS316, SS316L, ASTM A105N, ASTM A182Gr-F304, ASTM A182Gr-F316

Class: 150 to 2500

Nominal Pressure: PN10 to PN450

Size: 1/2" to 40"

Ends: Flanged, Wafer, lug, Threaded, Buttweld, Socket weld

Visit us: <https://www.middleeastvalve.com/product-category/lift-check-valve/>

